

What is Claimed Is:

1. A method of inhibiting the microbial infection of an eye comprising contacting an eye of a human or animal patient with an amount of a
5 therapeutic composition effective for promoting wound healing, the composition comprising a pharmaceutically acceptable chelating agent, a pharmaceutically acceptable pH buffering agent, a pharmaceutically acceptable antimicrobial agent, and a pharmaceutically acceptable carrier.
- 10 2. The method of Claim 1, further comprising identifying an invasive microbial population of the wound, identifying an antibiotic capable of inhibiting the proliferation of the invasive microbial population, determining the MIC and FIC values for the antibiotic and the chelating agent; and adjusting the
15 concentration of the antibiotic and the chelating agent of the antimicrobial composition to inhibit the proliferation of the microbial population
3. A kit for preparing a therapeutic composition for managing a eye infection of an animal or human patient according to the specification herein